

Table 4 - Comparative Moisture Response Numbers

Composite Description	Density	Plastic %	Linear Expansion	Thickness Swell
Cement Fiber Board (HardiBacker - 1/4" thick) ¹	94 pcf	-----	0.062 %	0.4 %
Portland Cement Board (WonderBoard - 1/4" thick) ¹	98 pcf	-----	0.086 %	0.1 %
USDA, Forest Product Laboratory, melt blended HDPE and hammer-milled random oriented juniper chips ²	52 pcf	30%	N.A.	0.54 %
<i>INVENTION</i> - Composite PE and random oriented Juniper particle ¹	47 pcf	50%	0.066 %	4 %
Strandex TM Composite, 50% PE, 50% wood (dust sized particles), extruded, cross-linking additive ³	68 pcf	50%	N.A.	0.7 %
Strandex TM Composite, 50% PVC, 50% wood (dust sized particles), extruded, plasticizer additive ⁵	85 pcf	50%	N.A.	1.2 %

¹Values based on Rycar Inc. internal testing (Report # 5000-99-TR-12-99-01-WR and 3020-96-TR-09-96-01-WR).

²Values supplied by the USDA, Forest Products Laboratory. For extruded, higher plastic content, and whole tree values see Appendix.

³Strandex composite values from www.comptrusion.com/Strandex

Exhibit B